

FRIEDMAN & BRUYA, INC.**ENVIRONMENTAL CHEMISTS**

Date of Report: October 5, 1993
Date Received: September 28, 1993
Project: 7238, Metro Self Monitor, PO #M 31102
Date Samples Extracted: September 30, 1993
Date Extracts Analyzed: October 1, 1993

**RESULTS FROM THE ANALYSIS OF THE WATER SAMPLE
FOR CHROMIUM, COPPER, NICKEL AND ZINC**

Samples Processed Using Method 3005

Results Reported as mg/L (ppm)

<u>Sample ID</u>	<u>Chromium</u>	<u>Copper</u>	<u>Nickel</u>	<u>Zinc</u>
M 31102	1.5	0.67	1.3	0.62
<u>Quality Assurance</u>				
Blank	<0.05	<0.05	<0.05	<0.05
M 31102 (Duplicate)	1.5	0.67	1.3	0.67
M 31102 (Matrix Spike) % Recovery	18%	86%	87% ¹	90%
M 31102 (Matrix Spike Duplicate) % Recovery	79%	84%	86%	88%
Spike Blank % Recovery	95%	95%	98%	100%
Spike Level	5	5	10	5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Andrew John Friedman
James E. Bruya, Ph.D.
(206) 285-8282

3008-B 16th Avenue West
Seattle, WA 98119
FAX: (206) 283-5044

October 5, 1993

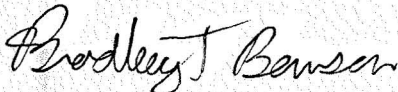
Gerry Thompson, Project Leader
Alaskan Copper Works
628 South Hanford
Seattle, WA 98134

Dear Mr. Thompson:

Enclosed are the results from the testing of material submitted on September 28, 1993 from Project 7238, Metro Self Monitor, PO #M 31102.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,



Bradley T. Benson
Chemist

BTB

Enclosures

FRIEDMAN & BRUYA, INC.
3008-B 16th Avenue West
Seattle, WA 98119

9.
09.28.93
2:20

SAMPLE CHAIN OF CUSTODY

Send Report To: ALASKAN COPPER WORKS Contact Gerald Thompson
Company P.O. Box 3546
Address SEATTLE, WA. 98124
City, State, Zip 9/28/93
Phone # (206) 623-5800 Date

SITE NO.

PROJECT NAME

PURCHASE ORDER #

7238

METRO SELF-MONITOR

SAMPLERS (signature)

PROJECT LOCATION

3200 Cth AVE. SOUTH

REMARKS

SAMPLE DISPOSAL INFORM.

- ☐ Dispose after 30 days
☒ Return Samples
☐ Call for Instructions

SAMPLE #

Date/Time
Sampled

Type of
Sample

of
Jars

Lab
Sample #

Analyses
Requested

M 31102

1:52 PM 9/28

WATER

1

44128

CR, CU, NI, ZN

SIGNATURE

PRINT NAME

COMPANY

Date

Time

Relinquished by:

Received by:

Relinquished by:

Received by:

Gerald Thompson

ALASKAN COPPER WORKS

9/28/93 2:11

Charles Rios

F&POT

9-28-93 2:12

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DUPLICATE COPY

October 5, 1993

INVOICE # 93ACU1005-3

Alaskan Copper Works
628 South Hanford
Seattle, WA 98134

RE: Project 7238, Metro Self Monitor, PO #M 31102: Results of testing requested
by Gerry Thompson, Project Leader and submitted on September 28, 1993.

1 water sample analyzed for Chromium, Copper, Nickel
and Zinc @ \$65 per sample

\$ 65.00

Amount Due

\$ 65.00